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CLAIM AMENDMENTS

Claims 1-10 are currently pending in the application.

Please cancel claims 1-10 without prejudice or disclaimer to the subject matter of claims 1-10.

Please add claims 11-24.

The following listing of claims 1-24 will replace all prior versions, and listings, of claims in the application:

1-10. (Cancelled)

11. (New) An electric lamp, comprising:

a light source (2) operable to emit a visible light;

a light-transmitting lamp vessel (1) accommodating said light source (2) whereby the visible light propagates through said light-transmitting lamp vessel (1); and

a light-absorbing coating (3) at least partially covering said light-transmitting lamp vessel (1) whereby the visible light propagates into said light-absorbing coating (3) from said light-transmitting lamp vessel (1), said light-absorbing coating (3) including

an organically modified silane network, and

a plurality of pigment particles dispersed through said organically modified silane network, said plurality of pigment particles for absorbing a first portion of the visible light propagating through said light-absorbing coating (3) without generating a light scattering of a second portion of the visible light propagating through said light-absorbing coating (3).

12. (New) The electric lamp of claim 11, wherein an average diameter of said plurality of pigment particles is less than 50 nm.



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13. (New) The electric lamp of claim 11,

wherein said light-absorbing coating (3) is in liquid form prior to be coated on said light-transmitting lamp vessel (1); and

wherein said liquid form of said light-absorbing coating (3) includes a hydrolysis mixture including said originally modified silane network, and

at least one liquid mixture including a dispersion of said plurality of pigments therein.

- 14. (New) The electric lamp of claim 11, wherein said plurality of pigment particles are dispersed throughout said organically modified silane network prior to the at least partial covering of said light-absorbing coating (3) on said light-transmitting lamp vessel (1).
- 15. (New) The electric lamp of claim 1, wherein said organically modified silane is selected from a group formed by compounds of the following structural formula: R'Si(OR'I)3,

wherein R^{I} includes at least one of an alkyl group and an aryl group, and wherein R^{II} includes an alkyl group.

- 16. (New) The electric lamp of claim 15, wherein the R^4 group includes at least one of CH_3 and C_6H_5 .
- 17. (New) The electric lamp of claim 15, wherein the R^{II} group includes at least one of CH_3 and C_2H_5 .



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- 18. (New) The electric lamp of claim 11, wherein a thickness of said light-absorbing coating (3) is equal to or greater than 1 μ m.
- 19. (New) The electric lamp of claim 11, wherein said organically modified silane network includes a plurality of silica particles.
- 20. (New) The electric lamp of claim 19, wherein each silica particle has a diameter less than or equal to 50nm.
- 21. (New) The electric lamp of claim 11, wherein said pigment particles are inorganic pigment particles.
- 22. (New) The electric lamp of claim 11, wherein said pigment particles are organic pigment particles.
- 23. (New) The electric lamp of claim 11, wherein said pigment particles include a mixture of inorganic pigment particles and organic pigment particles.
- 24. (New) The electric lamp of claim 11, further comprising:
 a lamp housing (10) connected to said light-transmitting lamp vessel (1).
- 25. (New) The electric lamp of claim 11, further comprising:
 a reflector (30) for reflecting the second portion of the visible light to generate a directed beam.

